

Figure 1

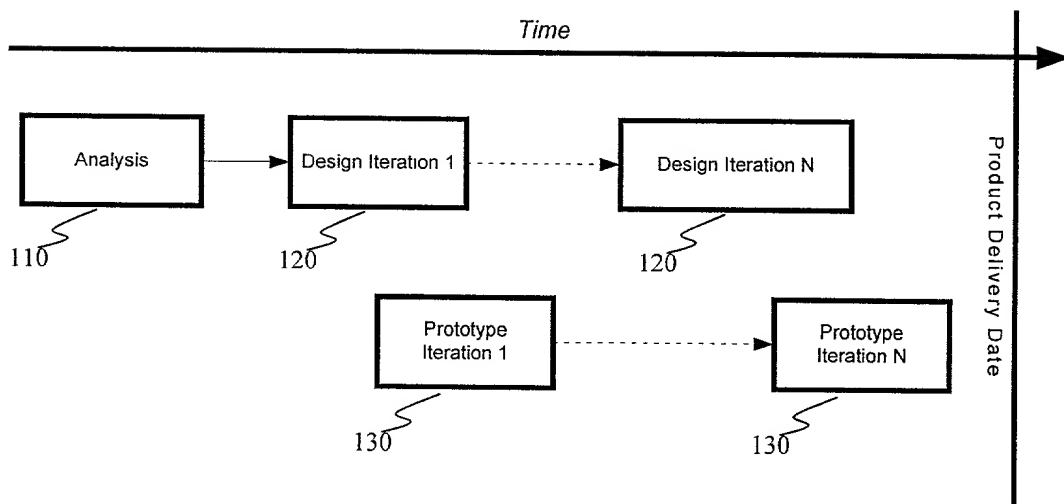


Figure 2

UML Class Diagram

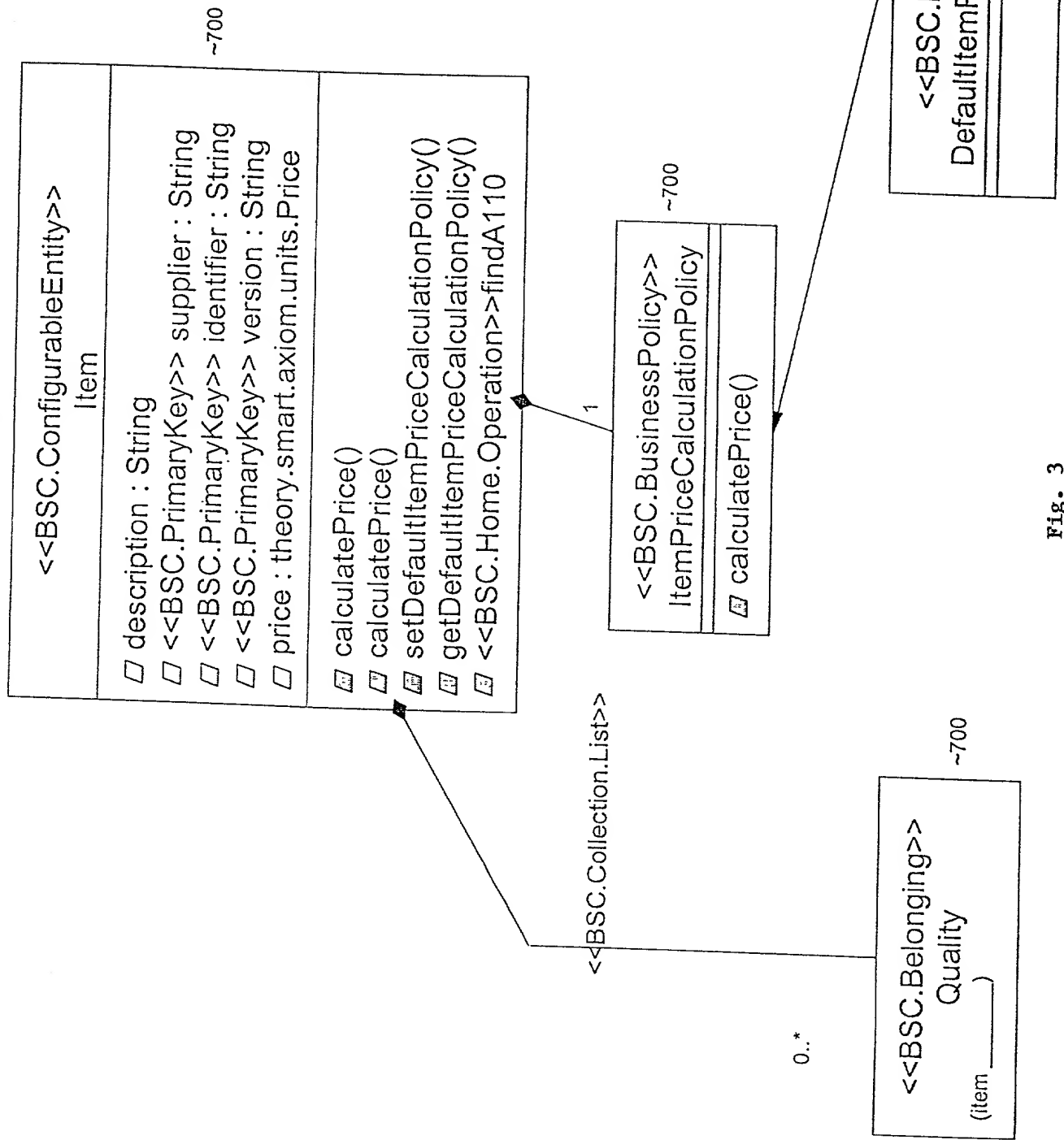


Fig. 3

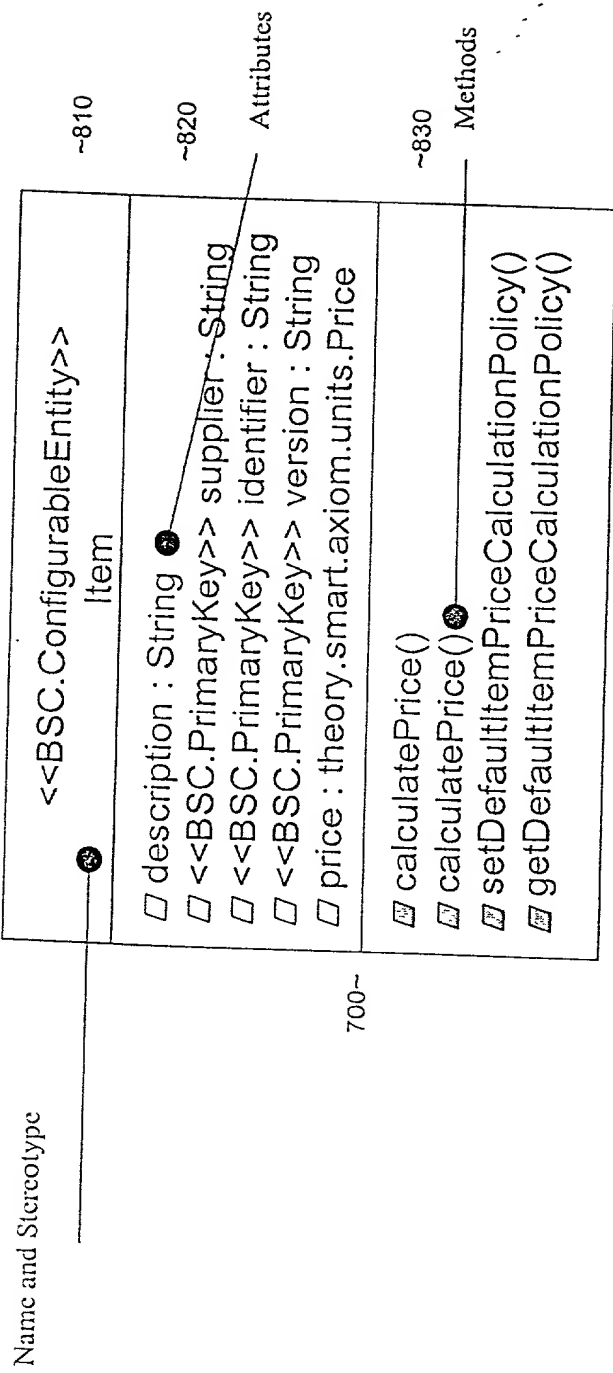


Fig. 4

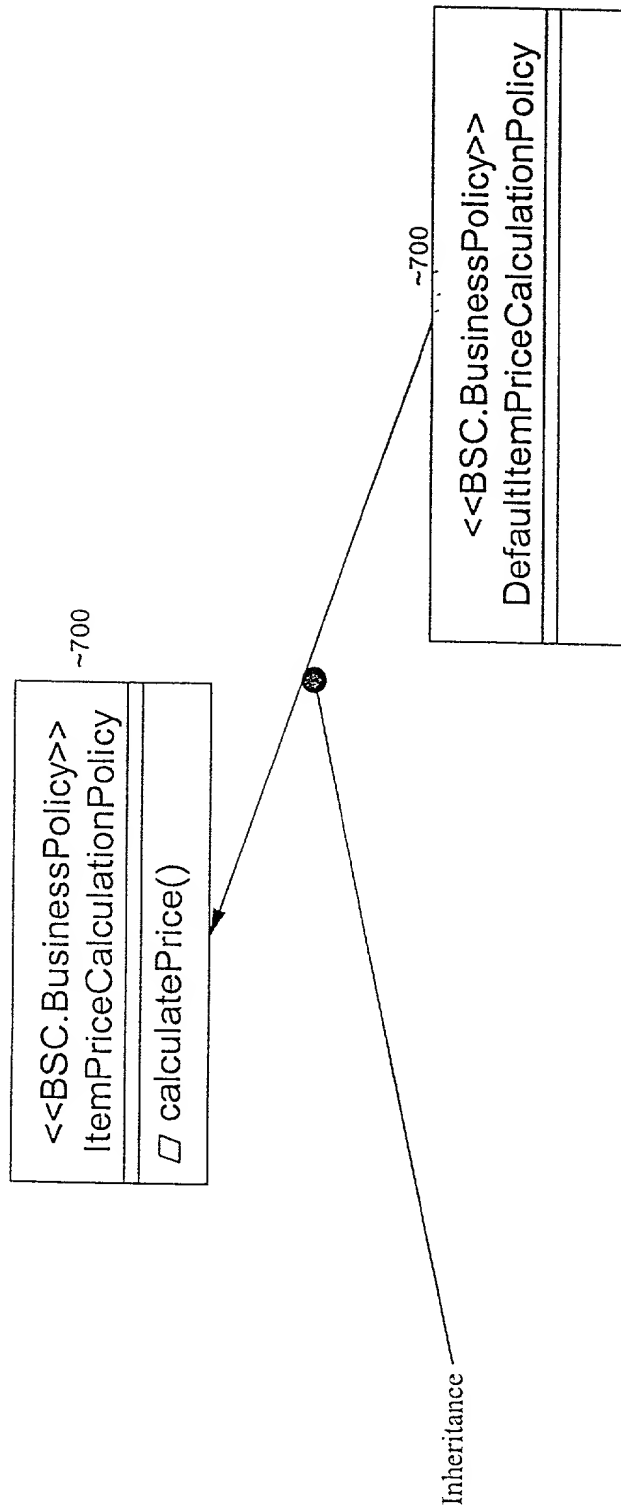


Fig. 5

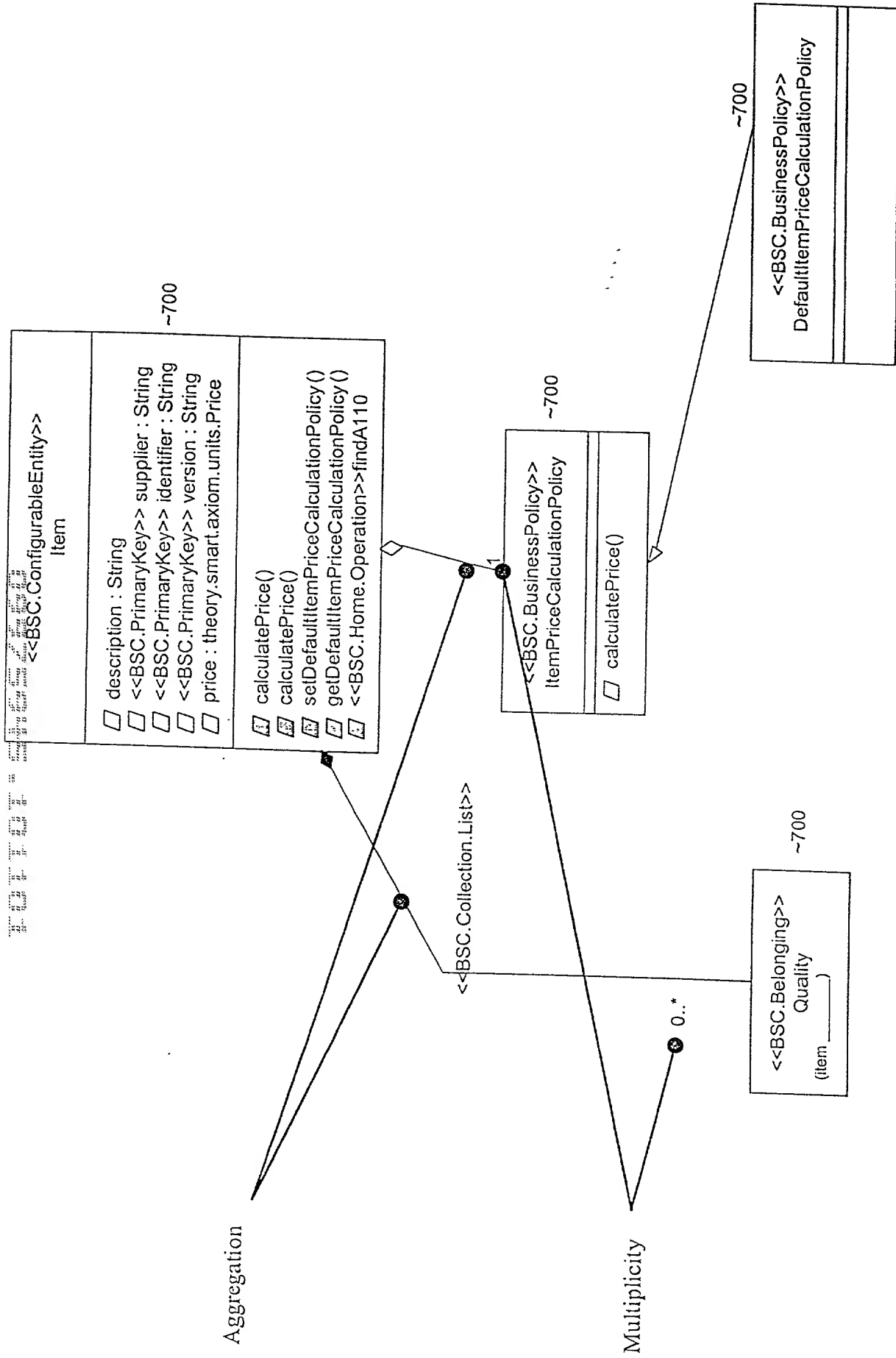


Fig. 6

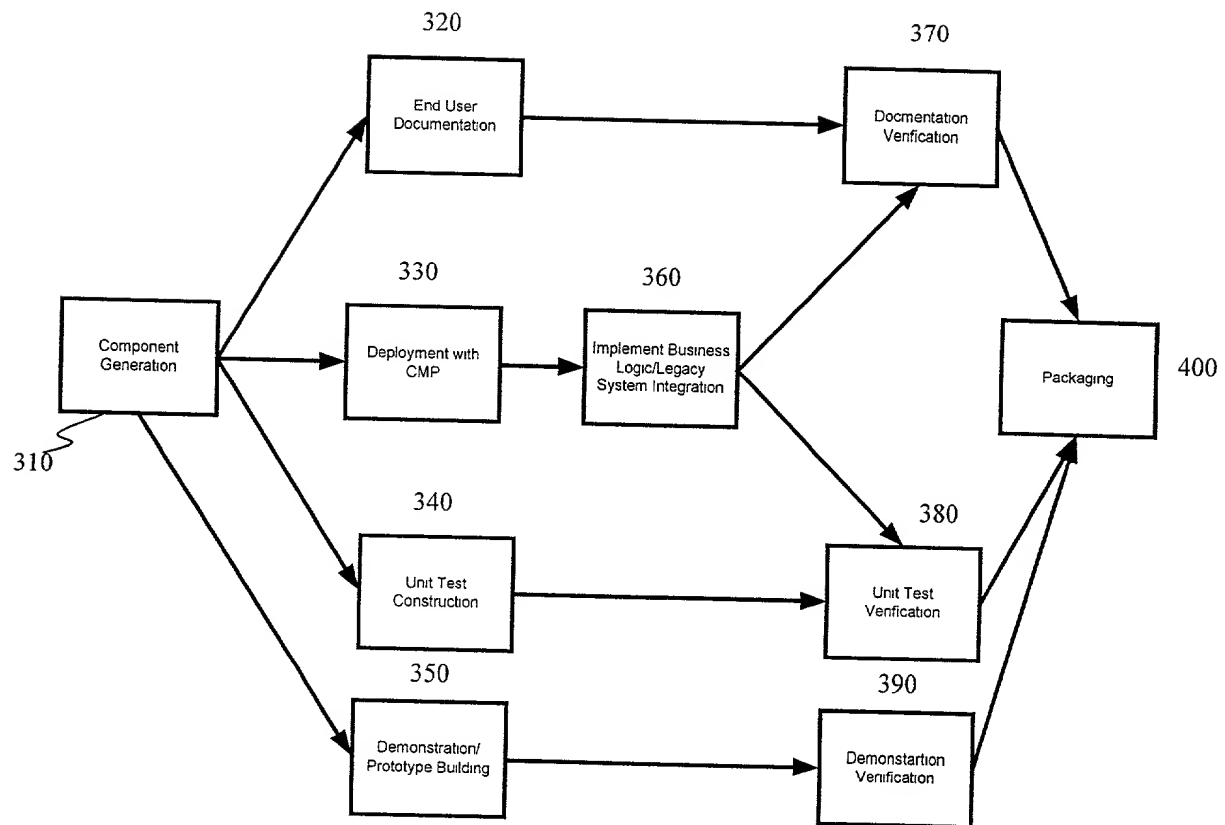


Figure 7